

Abstract

~~Novel~~ The invention relates to a new type of expression cassettes comprising a) the
coding which, under genetic control, contain regulating nucleic acid sequences a) nucleic acid
sequence coding for 4-hydroxyphenylpyruvate dioxygenase (HPPD) or for a one of its functional
equivalent thereof; and/or b) at least one nucleic acid sequence (anti-HGD) which is capable of
inhibiting the homogentisate dioxygenase (HGD) activity; under the genetic control of regulatory
nucleic acid sequences. The invention also relates to ~~and~~ vectors which are suitable for
generating plants with an elevated tocopherol content, transgenic plants generated therewith, and
methods of generating transgenic plants with an elevated tocopherol content.